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<input type="checkbox"/>	L12	refractive index	171376
<input type="checkbox"/>	L11	sensor surface	7602
<input type="checkbox"/>	L10	galactose binding protein	64
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<input type="checkbox"/>	L8	biosensor	13704
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<input type="checkbox"/>	L5	536/1.11	738
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=> s biosensor

L1 31750 BIOSENSOR

=> s glucose binding protein

L2 244 GLUCOSE BINDING PROTEIN

=> s galactose binding protein

L3 622 GALACTOSE BINDING PROTEIN

=> s sensor surface

L4 2012 SENSOR SURFACE

=> s thiol group

L5 13857 THIOL GROUP

=> s refractive index

L6 67413 REFRACTIVE INDEX

=> s l1 and l2 and l3

L7 1 L1 AND L2 AND L3

=> s l1 and l4 and l6

L8 60 L1 AND L4 AND L6

=> s l8 and l2

L9 0 L8 AND L2

=> s l8 and l3

L10 0 L8 AND L3

=> d l7 1

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:297242 CAPLUS

DN 129:45201

TI Comparative stereochemical analysis of **glucose-binding proteins** for rational design of glucose-specific agents

AU Li, Tonglei; Lee, Hai-Bang; Park, Kinam

CS School of Pharmacy, Purdue University, West Lafayette, IN, 47907, USA

SO Journal of Biomaterials Science, Polymer Edition (1998), 9(4), 327-344

CODEN: JBSEEA; ISSN: 0920-5063

PB VSP BV

DT Journal

LA English

RE.CNT 72 THERE ARE 72 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l8 1-10

L8 ANSWER 1 OF 60 MEDLINE on STN

AN 2004546994 IN-PROCESS

DN PubMed ID: 15519578

TI Resonant mirror **biosensor** detection method based on

yessotoxin-phosphodiesterase interactions.

AU Pazos Maria-Jose; Alfonso Amparo; Vieytes Mercedes R; Yasumoto Takeshi;  
Vieites Juan M; Botana Luis M

CS Departamento de Farmacologia, Facultad de Veterinaria, USC, 27002 Lugo,  
Spain.

SO Analytical biochemistry, (2004 Dec 1) 335 (1) 112-8.  
Journal code: 0370535. ISSN: 0003-2697.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS IN-DATA-REVIEW; IN-PROCESS; NONINDEXED; Priority Journals

ED Entered STN: 20041103  
Last Updated on STN: 20041103

  

L8 ANSWER 2 OF 60 MEDLINE on STN

AN 2002222545 MEDLINE

DN PubMed ID: 11959480

TI Detection of Staphylococcus aureus enterotoxin B at femtomolar levels with  
a miniature integrated two-channel surface plasmon resonance (SPR) sensor.

AU Naimushin Alexei N; Soelberg Scott D; Nguyen Di K; Dunlap Lucinda;  
Bartholomew Dwight; Elkind Jerry; Melendez Jose; Furlong Clement E

CS Department of Medicine, University of Washington, Seattle, WA 98195. USA.

SO Biosensors & bioelectronics, (2002 Jun) 17 (6-7) 573-84.  
Journal code: 9001289. ISSN: 0956-5663.

CY England: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200210

ED Entered STN: 20020418  
Last Updated on STN: 20021011  
Entered Medline: 20021010

  

L8 ANSWER 3 OF 60 MEDLINE on STN

AN 2001331476 MEDLINE

DN PubMed ID: 11399031

TI Observation of charge state and conformational change in immobilized  
protein using surface plasmon resonance sensor.

AU Mannen T; Yamaguchi S; Honda J; Sugimoto S; Kitayama A; Nagamune T

CS Department of Chemistry and Biotechnology, The University of Tokyo, 7-3-1  
Hongo, Bunkyo-ku, Tokyo, 113-8656, Japan.

SO Analytical biochemistry, (2001 Jun 15) 293 (2) 185-93.  
Journal code: 0370535. ISSN: 0003-2697.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200108

ED Entered STN: 20010903  
Last Updated on STN: 20010903  
Entered Medline: 20010830

  

L8 ANSWER 4 OF 60 MEDLINE on STN

AN 1999327532 MEDLINE

DN PubMed ID: 10399333

TI Reassessment of the calibration constant for the IAsys biosensor

AU Hall D R; Winzor D J

CS Department of Biochemistry, University of Queensland, Brisbane, Australia.

SO Journal of chromatography. A, (1999 Jun 4) 844 (1-2) 395-401.  
Journal code: 9318488.

CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals  
 EM 200001  
 ED Entered STN: 20000124  
 Last Updated on STN: 20000124  
 Entered Medline: 20000112

L8 ANSWER 5 OF 60 MEDLINE on STN  
 AN 1999270485 MEDLINE  
 DN PubMed ID: 10340660  
 TI Development of a rapid response **biosensor** for detection of  
 Salmonella typhimurium.  
 AU Seo K H; Brackett R E; Hartman N F; Campbell D P  
 CS Center for Food Safety and Quality Enhancement, Food Science and  
 Technology, University of Georgia, Experiment Station, Griffin 30223-1797,  
 USA.  
 SO Journal of food protection, (1999 May) 62 (5) 431-7.  
 Journal code: 7703944. ISSN: 0362-028X.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199908  
 ED Entered STN: 19990913  
 Last Updated on STN: 19990913  
 Entered Medline: 19990831

L8 ANSWER 6 OF 60 MEDLINE on STN  
 AN 95331274 MEDLINE  
 DN PubMed ID: 7607210  
 TI Real-time monitoring of antigen-antibody recognition on a metal oxide  
 surface by an optical grating coupler sensor.  
 AU Bernard A; Bosshard H R  
 CS Biochemisches Institut der Universitat, Zurich, Switzerland.  
 SO European journal of biochemistry / FEBS, (1995 Jun 1) 230 (2) 416-23.  
 Journal code: 0107600. ISSN: 0014-2956.  
 CY GERMANY: Germany, Federal Republic of  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199508  
 ED Entered STN: 19950828  
 Last Updated on STN: 19990129  
 Entered Medline: 19950817

L8 ANSWER 7 OF 60 MEDLINE on STN  
 AN 95330492 MEDLINE  
 DN PubMed ID: 7606504  
 TI Evanescent wave **biosensors**. Real-time analysis of biomolecular  
 interactions.  
 AU Hutchinson A M  
 CS Department of Natural Products, Glaxo Research and Development Ltd.,  
 Greenford, Middlesex, UK.  
 SO Molecular biotechnology, (1995 Feb) 3 (1) 47-54. Ref: 29  
 Journal code: 9423533. ISSN: 1073-6085.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LA English  
 FS Priority Journals  
 EM 199508  
 ED Entered STN: 19950828  
 Last Updated on STN: 19990129  
 Entered Medline: 19950811

L8 ANSWER 8 OF 60 MEDLINE on STN  
 AN 94117860 MEDLINE  
 DN PubMed ID: 8288899  
 TI Affinity ranking of influenza neuraminidase mutants with monoclonal antibodies using an optical **biosensor**. Comparison with ELISA and slot blot assays.  
 AU Gruen L C; McKimm-Breschkin J L; Caldwell J B; Nice E C  
 CS CSIRO Division of Biomolecular Engineering, Parkville, Victoria, Australia.  
 SO Journal of immunological methods, (1994 Jan 12) 168 (1) 91-100.  
 Journal code: 1305440. ISSN: 0022-1759.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199402  
 ED Entered STN: 19940312  
 Last Updated on STN: 19990129  
 Entered Medline: 19940224

L8 ANSWER 9 OF 60 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN  
 AN 2004:122600 BIOSIS  
 DN PREV200400126493  
 TI Characterization of yesotoxin-phosphodiesterases interactions.  
 AU Alfonso, Amparo [Reprint Author]; Pazos, M. Jose [Reprint Author]; Vieytes, Mercedes R.; Yasumoto, Takeshy; Botana, Luis M. [Reprint Author]  
 CS Pharmacology, University of Santiago de Compostela, Lugo, Spain  
 SO Biophysical Journal, (January 2004) Vol. 86, No. 1, pp. 95a-96a. print.  
 Meeting Info.: 48th Annual Meeting of the Biophysical Society. Baltimore, MD, USA. February 14-18, 2004. Biophysical Society.  
 ISSN: 0006-3495 (ISSN print).  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 3 Mar 2004  
 Last Updated on STN: 3 Mar 2004

L8 ANSWER 10 OF 60 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN  
 AN 2002:326256 BIOSIS  
 DN PREV200200326256  
 TI Detection of Staphylococcus aureus enterotoxin B at femtomolar levels with a miniature integrated two-channel surface plasmon resonance (SPR) sensor.  
 AU Naimushin, Alexei N.; Soelberg, Scott D.; Nguyen, Di K.; Dunlap, Lucinda; Bartholomew, Dwight; Elkind, Jerry; Melendez, Jose; Furlong, Clement E. [Reprint author]  
 CS Division of Medical Genetics, University of Washington, Seattle, WA, 98195-7720, USA  
 clem@u.washington.edu  
 SO Biosensors and Bioelectronics, (June, 2002) Vol. 17, No. 6-7, pp. 573-584. print.  
 CODEN: BBIOE4. ISSN: 0956-5663.  
 DT Article  
 LA English  
 ED Entered STN: 5 Jun 2002  
 Last Updated on STN: 5 Jun 2002